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| Application No. | Applicant(s) |
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| 09/698,894 | CODEN ET AL. |
| Examiner | Art Unit |
| Fred I. Ehichioya | 2172 |

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| = | Allowed | ÷ | |

| _ | (Through numeral) Cancelled |
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| Cla | Claim Date | | | |]:::: | Claim Date | | | |]:::::[| Cla | aim | Date | | | | | | | | | | | | |
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| Final | Original | | | | | 7/21/04 | | | | Final | Original | | | | | | Final | Original | | | | | | | |
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| <u> </u> | 2 | | 4 | \perp | | \dashv | | | 4 | | 52 | - | \perp | \perp | | | | 102 | | \sqcup | _ | _ | _ | _ | |
| 2 | 3 | - | _ | + | \vdash | = | - | _ | 4 | | 53 | | \rightarrow | + | _ | | | 103 | | \vdash | \dashv | _ | _ | 4 | + |
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| | 5 | \sqcup | \bot | + | LL | - | _ | | | - | 55 | \rightarrow | \rightarrow | | | | | 105 | | \sqcup | | \dashv | \rightarrow | $^{\perp}$ | Д |
| <u> </u> | 6 | \vdash | _ | \perp | | 4 | _ | _ | 4 | | 56 | | | \perp | _ | | | 106 | | ا للہ | _ | _ | 4 | 4 | |
| 3 | 7 | | - | + | - | = | + | \perp | 4 | | 57 | | + | + | | | | 107 | | ┥ | _ | _ | 4 | 4 | + |
| 4 | 8 | \vdash | \perp | + | - | = | \perp | \perp | 4:::: | | 58 | \rightarrow | \perp | \perp | | | | 108 | | - | _ | _ | 4 | - | _ _ |
| 5 | 9 | \vdash | _ | \perp | - | = | _ | _ | 4 | | 59 | | \rightarrow | \perp | _ | | | 109 | | \sqcup | _ | _ | _ | _ | |
| 6 | 10 | \vdash | _ | \perp | | = | | _ | 4 | | 60 | | \rightarrow | | | | | 110 | | Ш | _ | _ | _ | _ | — |
| <u> </u> | 11 | - | | | | | - | | 4 | | 61 | | ++ | \dashv | _ | | | 111 | | \vdash | _ | _ | _ | _ | |
| 7_ | 12 | \vdash | + | + | \vdash | = | \perp | + | 4 | | 62 | + | + | + | | | | 112 | + | $\vdash \vdash$ | _ | _ | \dashv | \dashv | + |
| L | 13 | \vdash | \dashv | + | $\vdash \vdash$ | - | \dashv | - | 4 | <u> </u> | 63 | | | | | | | 113 | | \vdash | \dashv | _ | \dashv | _ | |
| <u> </u> | 14 | \vdash | \dashv | + | \vdash | 1 | _ | | 4 | | 64 | | - | | _ | | | 114 | | \vdash | _ | | | | |
| 8 | 15 | - | | | | = | \dashv | - | 4 | | 65 | | \perp | + | _ | | | 115 | _ | \vdash | _ | \dashv | 1 | \perp | + |
| 9 | 16 | \vdash | _ | \vdash | \vdash | = | \downarrow | \perp | 4 | | 66 | | | \dashv | _ _ | | | 116 | | \sqcup | _ | _ | - | 1 | |
| | 17 | | _ | \perp | | 4 | \perp | \perp | 4 | | 67 | | | | | | | 117 | | | | | _ | \perp | |
| L | 18 | | | 1 | | | 4 | \perp | | | 68 | | | $\perp \perp$ | _ | | | 118 | | | _ | _ | | | |
| 10 | 19 | | | | _ | = | _ | | 1 | | 69 | | | 44 | | | | 119 | | Ш | _ | 4 | _ | 4 | |
| 11 | 20 | Ш | \perp | \perp | _ | = | _ | | 1 | | 70 | | \rightarrow | | | | | 120 | | 11 | _ | | | 4 | _ |
| 12 | 21 | \sqcup | | 1_1 | _ | = | _ | | | | 71 | | | \perp | | | | 121 | | \sqcup | _ | _ | | _ | |
| 13 | 22 | . | | | | = | 4 | ┸ | | | 72 | | . | | | | | 122 | | \sqcup | _ | _ | | | |
| 14 | 23 | Ш | | \perp | | = | _ | \perp | | | 73 | | | 44 | _ _ | | | 123 | | \sqcup | _ | _ | _ | 4 | \bot |
| | 24 | Ш | | \perp | | 4 | \perp | | 1 | | 74 | | | | | | | 124 | | | _ | _ | _ | _ | |
| <u> </u> | 25 | Ш | _ | $\downarrow \downarrow \downarrow$ | <u> </u> | | _ | | 1 | | 75 | | \rightarrow | $\perp \perp$ | \perp | | | 125 | | Ш | | _ | _ | _ | |
| | 26 | Ш | | \perp | | \perp | _ | | 1 | | 76 | | \perp | $\perp \perp$ | | | | 126 | | \sqcup | | _ | _ | 4 | \perp |
| | 27 | \sqcup | \bot | \perp | \sqcup | _ | 1 | _ | 1 | | 77 | | | | | | | 127 | | \sqcup | _ | | _ | _ | |
| | 28 | \perp | \perp | \sqcup | $\perp \perp$ | \dashv | \perp | \perp | | | 78 | \rightarrow | \rightarrow | \perp | | | | 128 | | Ш | _ | _ | _ | 1 | |
| L | 29 | \sqcup | \perp | \bot | | _ | \perp | | | | 79 | | \perp | _ | | | | 129 | _ | \perp | | _ | _ | 4 | \perp |
| L | 30 | | | \perp | | 4 | 4 | _ | | <u> </u> | 80 | \perp | \rightarrow | \perp | | | | 130 | | \sqcup | | | | _ | |
| | 31 | | _ | $\perp \downarrow$ | \sqcup | _ | | | | | 81 | | | $\perp \downarrow$ | | | | 131 | | \sqcup | | _ | 4 | | |
| | 32 | ш | | \perp | | 4 | _ | | 4 | | 82 | | | | | | | 132 | | \sqcup | | | _ | 4 | |
| 15 | 33 | Ш | _ | \sqcup | | = | _ | | 1 | | 83 | | | 44 | | | | 133 | | | | | \perp | _ | 4_ |
| <u> </u> | 34 | | | \perp | | \perp | _ | | 1 | | 84 | | | | | | | 134 | _ | | _ | _ | 4 | _ | |
| | 35 | $\sqcup \bot$ | | $\downarrow \downarrow$ | \sqcup | \perp | _ | \perp | 1 | | 85 | - | | 44 | \perp | | | 135 | | <u> </u> | _ | _ | \dashv | | —— |
| | 36 | $\sqcup \bot$ | \perp | + | $\vdash \downarrow$ | _ | | | | | 86 | \rightarrow | + | 44 | | | | 136 | + | Ш | _ | | _ | \perp | |
| <u> </u> | 37 | $\sqcup \bot$ | | \bot | \sqcup | \dashv | \bot | _ | | <u> </u> | 87 | \rightarrow | | 44 | | | | 137 | | \sqcup | _ | \rightarrow | | \dashv | \bot |
| | 38 | $\sqcup \bot$ | | $\perp \perp$ | | 4 | 4- | | 4 | | 88 | \perp | \perp | | _ | | | 138 | | \sqcup | 4 | | _ | _ | \perp |
| | 39 | $\sqcup \bot$ | _ _ | - | \perp | _ | | | | | 89 | \rightarrow | | $\bot \bot$ | | | | 139 | \perp | | | | _ | \perp | |
| | 40 | \vdash | | $\perp \perp$ | \sqcup | \perp | \bot | | 1 | | 90 | $\perp \perp \perp$ | $\perp \downarrow \downarrow$ | 4 | _ _ | | | 140 | _ _ | \sqcup | _ | | | \perp | \perp |
| | 41 | $\sqcup \bot$ | | + | \sqcup | 4 | | | 4 | | 91 | | | $\perp \perp$ | \perp | | | 141 | \perp | \sqcup | | . | _ | \perp | \perp |
| | 42 | $\vdash \downarrow$ | | - | \sqcup | _ | | \perp | 4 | | 92 | \bot | | $\perp \perp$ | \bot | | | 142 | | \sqcup | _ | | \perp | \perp | |
| | 43 | $\sqcup \bot$ | \perp | \perp | $\sqcup \bot$ | 4 | \perp | | 4 | | 93 | \dashv | | 44 | | | | 143 | | \sqcup | _ | | _ | _ | \perp |
| | 44 | \sqcup | | 4_4 | \Box | 4 | 4 | \bot | 1 | | 94 | | | | _ _ | | | 144 | _ _ | $\sqcup \downarrow$ | \dashv | | _ | \perp | \perp |
| | 45 | \sqcup | \perp | $\perp \perp$ | \sqcup | \bot | _ | \perp | 4 | | 95 | \bot | | $\perp \perp$ | | | | 145 | | \sqcup | _ | | _ | _ _ | |
| | 46 | $\sqcup \bot$ | | $\perp \downarrow$ | | 4 | \perp | | | | 96 | | $\dashv \downarrow$ | | | | | 146 | \perp | \sqcup | | | | \perp | \bot |
| | 47 | | | \bot | \perp | 4 | _ | \bot | | | 97 | \bot | \dashv | $\bot\bot$ | | | | 147 | _ | \sqcup | _ | | | \perp | |
| | 48 | $\sqcup \bot$ | \perp | \perp \downarrow | | \perp | \perp | _ | | | 98 | - | $\bot\bot$ | $\perp \perp$ | | | | 148 | _ _ | _ | \dashv | _ | | \perp | \bot |
| <u> </u> | 49 | _ | | 4 | | \perp | | \bot | 1 | | 99 | | $\bot \bot$ | _ | | | | 149 | | \sqcup | | \perp | _ | _ | |
| | 50 | | | | | | | \bot | | | 100 | | | | | | | 150 | | | | | - 1 | | |